

Serial No.: 10/085,213
Art Unit: 1711
Docket No.: 11301-1481

AMENDMENTS TO THE CLAIMS

Please amend the claims as indicated hereafter. [Use ~~strikethrough~~ for deleted matter (or double square brackets "[[]]" if the strikethrough is not easily perceivable, *i.e.*, "4" or a punctuation mark) and underlined for added matter.]

Claims:

1- 45. (Cancelled)

46. (Previously Presented) A process for the preparation of urethane resins comprising the steps of:

(1) reacting a compound (compound(ab)) having at least one active hydrogen being reactive with an isocyanate group in one molecule and having 1 to 10 silicon atoms directly bonded to an alkoxy group with a compound(i) selected from the group consisting of an α , β -unsaturated carbonyl compound and an α , β -unsaturated nitrile compound, in order to produce a product(N) having less than two active hydrogens being reactive with an isocyanate group in one molecule;

(2) reacting said product(N), with a compound(j) in order to obtain a silicon compound (product(O)) having less than two isocyanate groups and having a hydrolysable alkoxy group directly bonded to at least one silicon atom, wherein said compound (j) has at least two isocyanate groups;

(3) reacting said product(O), with a polyol compound (compound(c)).

47. (Previously Presented) The process for the preparation of urethane resins according to claim 46, wherein said at least one active hydrogen of compound (ab) is a hydrogen of a group selected from the group consisting of a primary amino group and a secondary amino group.

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48. (Currently Amended) A process for the preparation of urethane resins comprising the steps of:

(1) reacting a compound(eb) with a compound(fb), or reacting a compound obtained by reacting a compound (eb) with a compound (fb), with a compound (i) in order to obtain a silicon compound (product(R)) having an alkoxy group directly bonded to at least one silicon atom and having less than two ~~and greater than no~~ secondary amino groups, wherein, said compound(eb) is a silicon compound having at least one acryloyl group (organic group(VIII)) and having an alkoxy group bonded to at least one silicon atom, wherein, said compound(fb) is capable of reacting with said organic group(VIII) to form a secondary amino compound, and wherein, said compound(i) is selected from the group consisting of an α , β -unsaturated carbonyl compound and an α , β -unsaturated nitrile compound;

(2) reacting said product(R), with a compound(j) having at least two isocyanate groups, in order to produce a silicon compound (product(S)) having at least one alkoxy group directly bonded to at least one silicon atom and having less than two isocyanate groups;

(3) reacting said product(S), with a polyol compound (compound(c)).

49. (Previously Presented) The process for the preparation of the urethane resins according to claim 48, wherein the said compound(fb) is a compound having a primary amino group.

50. (Previously Presented) A process for the preparation of urethane resins comprising the steps of:

(1) reacting a compound(ib), with a compound(j) in order to produce a product(V) having less than two isocyanate groups and having at least one hydrolysable group directly bonded to a silicon atom, wherein, said compound(ib) has an alkoxy group directly bonded to at least one silicon atom and has one primary amino group, wherein, said compound(j) has at least two isocyanate groups,

(2) reacting said product(V), with a compound(c), wherein, said compound(c) is a polyol compound.